

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG011224\  
 Data File : FG013353.D  
 Signal(s) : FID1A.ch  
 Acq On : 12 Jan 2024 19:54  
 Sample : P1123-05MS  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG010824.M  
 Title :

Signal : FID1A.ch

| peak<br># | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-----------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1         | 1.925       | 1.906        | 1.940      | BV       | 48             | -67          | -0.00%         | -0.000%       |
| 2         | 1.950       | 1.940        | 1.981      | PV       | 388            | 3699         | 0.13%          | 0.006%        |
| 3         | 1.999       | 1.981        | 2.021      | PV       | 332            | 2959         | 0.10%          | 0.005%        |
| 4         | 2.025       | 2.021        | 2.029      | PV       | 55             | 195          | 0.01%          | 0.000%        |
| 5         | 2.060       | 2.029        | 2.129      | VV       | 173997         | 1743641      | 59.45%         | 2.809%        |
| 6         | 2.134       | 2.129        | 2.139      | VV       | 130            | 557          | 0.02%          | 0.001%        |
| 7         | 2.142       | 2.139        | 2.158      | VV       | 118            | 1047         | 0.04%          | 0.002%        |
| 8         | 2.163       | 2.158        | 2.175      | VV       | 143            | 741          | 0.03%          | 0.001%        |
| 9         | 2.178       | 2.175        | 2.183      | VV       | 81             | 206          | 0.01%          | 0.000%        |
| 10        | 2.194       | 2.183        | 2.224      | VV       | 94             | 1020         | 0.03%          | 0.002%        |
| 11        | 2.228       | 2.224        | 2.247      | PV       | 58             | 521          | 0.02%          | 0.001%        |
| 12        | 2.255       | 2.247        | 2.261      | VV       | 109            | 579          | 0.02%          | 0.001%        |
| 13        | 2.274       | 2.261        | 2.283      | VV       | 158            | 1646         | 0.06%          | 0.003%        |
| 14        | 2.296       | 2.283        | 2.323      | VV       | 579            | 7929         | 0.27%          | 0.013%        |
| 15        | 2.330       | 2.323        | 2.347      | VV       | 361            | 4016         | 0.14%          | 0.006%        |
| 16        | 2.359       | 2.347        | 2.414      | VV       | 1917           | 25416        | 0.87%          | 0.041%        |
| 17        | 2.425       | 2.414        | 2.456      | VV       | 132            | 1957         | 0.07%          | 0.003%        |
| 18        | 2.464       | 2.456        | 2.472      | VV       | 79             | 383          | 0.01%          | 0.001%        |
| 19        | 2.480       | 2.472        | 2.484      | PV       | 79             | 260          | 0.01%          | 0.000%        |
| 20        | 2.488       | 2.484        | 2.507      | VV       | 77             | 536          | 0.02%          | 0.001%        |
| 21        | 2.526       | 2.507        | 2.545      | PV       | 87             | 1182         | 0.04%          | 0.002%        |
| 22        | 2.549       | 2.545        | 2.560      | VV       | 98             | 532          | 0.02%          | 0.001%        |
| 23        | 2.564       | 2.560        | 2.583      | VV       | 52             | 577          | 0.02%          | 0.001%        |
| 24        | 2.586       | 2.583        | 2.611      | VV       | 68             | 726          | 0.02%          | 0.001%        |
| 25        | 2.615       | 2.611        | 2.623      | VV       | 82             | 380          | 0.01%          | 0.001%        |
| 26        | 2.628       | 2.623        | 2.669      | PV       | 69             | 1260         | 0.04%          | 0.002%        |
| 27        | 2.673       | 2.669        | 2.679      | VV       | 62             | 171          | 0.01%          | 0.000%        |
| 28        | 2.688       | 2.679        | 2.693      | PV       | 60             | 332          | 0.01%          | 0.001%        |
| 29        | 2.707       | 2.693        | 2.728      | VV       | 194            | 2195         | 0.07%          | 0.004%        |
| 30        | 2.734       | 2.728        | 2.742      | VV       | 89             | 610          | 0.02%          | 0.001%        |
| 31        | 2.747       | 2.742        | 2.752      | VV       | 90             | 458          | 0.02%          | 0.001%        |

|    |       |       |       |    |        |       |       |        |
|----|-------|-------|-------|----|--------|-------|-------|--------|
|    |       |       |       |    | rteres |       |       |        |
| 32 | 2.764 | 2.752 | 2.778 | VV | 151    | 1753  | 0.06% | 0.003% |
| 33 | 2.781 | 2.778 | 2.791 | VV | 132    | 485   | 0.02% | 0.001% |
| 34 | 2.814 | 2.791 | 2.845 | VV | 289    | 4561  | 0.16% | 0.007% |
| 35 | 2.865 | 2.845 | 2.898 | VV | 342    | 5741  | 0.20% | 0.009% |
| 36 | 2.902 | 2.898 | 2.905 | VV | 142    | 606   | 0.02% | 0.001% |
| 37 | 2.915 | 2.905 | 2.935 | VV | 230    | 2980  | 0.10% | 0.005% |
| 38 | 2.939 | 2.935 | 2.944 | VV | 179    | 708   | 0.02% | 0.001% |
| 39 | 2.954 | 2.944 | 2.978 | VV | 179    | 2813  | 0.10% | 0.005% |
| 40 | 2.989 | 2.978 | 2.993 | VV | 116    | 766   | 0.03% | 0.001% |
| 41 | 2.999 | 2.993 | 3.004 | VV | 182    | 736   | 0.03% | 0.001% |
| 42 | 3.019 | 3.004 | 3.041 | VV | 207    | 3173  | 0.11% | 0.005% |
| 43 | 3.067 | 3.041 | 3.075 | VV | 266    | 3544  | 0.12% | 0.006% |
| 44 | 3.079 | 3.075 | 3.087 | VV | 205    | 1279  | 0.04% | 0.002% |
| 45 | 3.093 | 3.087 | 3.105 | VV | 210    | 1652  | 0.06% | 0.003% |
| 46 | 3.112 | 3.105 | 3.123 | VV | 177    | 1713  | 0.06% | 0.003% |
| 47 | 3.128 | 3.123 | 3.132 | VV | 171    | 839   | 0.03% | 0.001% |
| 48 | 3.142 | 3.132 | 3.148 | VV | 233    | 1820  | 0.06% | 0.003% |
| 49 | 3.154 | 3.148 | 3.159 | VV | 231    | 1320  | 0.04% | 0.002% |
| 50 | 3.166 | 3.159 | 3.177 | VV | 289    | 2670  | 0.09% | 0.004% |
| 51 | 3.181 | 3.177 | 3.187 | VV | 253    | 1357  | 0.05% | 0.002% |
| 52 | 3.205 | 3.187 | 3.231 | VV | 628    | 11148 | 0.38% | 0.018% |
| 53 | 3.236 | 3.231 | 3.251 | VV | 367    | 4212  | 0.14% | 0.007% |
| 54 | 3.255 | 3.251 | 3.265 | VV | 358    | 2970  | 0.10% | 0.005% |
| 55 | 3.275 | 3.265 | 3.279 | VV | 365    | 2693  | 0.09% | 0.004% |
| 56 | 3.286 | 3.279 | 3.301 | VV | 352    | 4409  | 0.15% | 0.007% |
| 57 | 3.332 | 3.301 | 3.406 | VV | 496    | 18556 | 0.63% | 0.030% |
| 58 | 3.415 | 3.406 | 3.418 | VV | 130    | 838   | 0.03% | 0.001% |
| 59 | 3.424 | 3.418 | 3.439 | VV | 162    | 1711  | 0.06% | 0.003% |
| 60 | 3.443 | 3.439 | 3.460 | VV | 165    | 1553  | 0.05% | 0.003% |
| 61 | 3.477 | 3.460 | 3.483 | VV | 141    | 1464  | 0.05% | 0.002% |
| 62 | 3.495 | 3.483 | 3.506 | VV | 261    | 2855  | 0.10% | 0.005% |
| 63 | 3.527 | 3.506 | 3.553 | VV | 375    | 6956  | 0.24% | 0.011% |
| 64 | 3.557 | 3.553 | 3.565 | VV | 235    | 1332  | 0.05% | 0.002% |
| 65 | 3.568 | 3.565 | 3.577 | VV | 230    | 1323  | 0.05% | 0.002% |
| 66 | 3.582 | 3.577 | 3.590 | VV | 231    | 1227  | 0.04% | 0.002% |
| 67 | 3.596 | 3.590 | 3.617 | VV | 185    | 2281  | 0.08% | 0.004% |
| 68 | 3.631 | 3.617 | 3.637 | VV | 177    | 1612  | 0.05% | 0.003% |
| 69 | 3.647 | 3.637 | 3.663 | VV | 203    | 2626  | 0.09% | 0.004% |
| 70 | 3.670 | 3.663 | 3.681 | VV | 209    | 1789  | 0.06% | 0.003% |
| 71 | 3.687 | 3.681 | 3.710 | VV | 263    | 3429  | 0.12% | 0.006% |
| 72 | 3.734 | 3.710 | 3.745 | VV | 188    | 3199  | 0.11% | 0.005% |
| 73 | 3.752 | 3.745 | 3.759 | VV | 186    | 1273  | 0.04% | 0.002% |
| 74 | 3.763 | 3.759 | 3.774 | VV | 165    | 1214  | 0.04% | 0.002% |
| 75 | 3.784 | 3.774 | 3.805 | VV | 256    | 2849  | 0.10% | 0.005% |
| 76 | 3.809 | 3.805 | 3.814 | VV | 98     | 487   | 0.02% | 0.001% |
| 77 | 3.818 | 3.814 | 3.838 | VV | 112    | 1509  | 0.05% | 0.002% |
| 78 | 3.843 | 3.838 | 3.852 | VV | 138    | 961   | 0.03% | 0.002% |
| 79 | 3.865 | 3.852 | 3.874 | VV | 195    | 1663  | 0.06% | 0.003% |

|     |       |       |       |    |               |         |        |        |
|-----|-------|-------|-------|----|---------------|---------|--------|--------|
| 80  | 3.904 | 3.874 | 3.928 | VV | rteres<br>259 | 5074    | 0.17%  | 0.008% |
| 81  | 3.931 | 3.928 | 3.934 | VV | 126           | 466     | 0.02%  | 0.001% |
| 82  | 3.938 | 3.934 | 3.942 | VV | 130           | 491     | 0.02%  | 0.001% |
| 83  | 3.947 | 3.942 | 3.955 | VV | 118           | 882     | 0.03%  | 0.001% |
| 84  | 3.966 | 3.955 | 3.996 | VV | 143           | 2642    | 0.09%  | 0.004% |
| 85  | 4.009 | 3.996 | 4.015 | VV | 153           | 1283    | 0.04%  | 0.002% |
| 86  | 4.030 | 4.015 | 4.034 | VV | 136           | 1264    | 0.04%  | 0.002% |
| 87  | 4.058 | 4.034 | 4.064 | VV | 192           | 2856    | 0.10%  | 0.005% |
| 88  | 4.069 | 4.064 | 4.084 | VV | 130           | 1380    | 0.05%  | 0.002% |
| 89  | 4.104 | 4.084 | 4.136 | VV | 4373          | 41693   | 1.42%  | 0.067% |
| 90  | 4.153 | 4.136 | 4.197 | VV | 800           | 13504   | 0.46%  | 0.022% |
| 91  | 4.202 | 4.197 | 4.214 | VV | 189           | 1738    | 0.06%  | 0.003% |
| 92  | 4.233 | 4.214 | 4.267 | VV | 238           | 5829    | 0.20%  | 0.009% |
| 93  | 4.289 | 4.267 | 4.306 | VV | 210           | 3881    | 0.13%  | 0.006% |
| 94  | 4.326 | 4.306 | 4.346 | VV | 1515          | 19007   | 0.65%  | 0.031% |
| 95  | 4.350 | 4.346 | 4.388 | VV | 785           | 10812   | 0.37%  | 0.017% |
| 96  | 4.393 | 4.388 | 4.408 | VV | 235           | 2522    | 0.09%  | 0.004% |
| 97  | 4.419 | 4.408 | 4.424 | VV | 275           | 2367    | 0.08%  | 0.004% |
| 98  | 4.437 | 4.424 | 4.461 | VV | 270           | 4893    | 0.17%  | 0.008% |
| 99  | 4.463 | 4.461 | 4.480 | VV | 237           | 2442    | 0.08%  | 0.004% |
| 100 | 4.484 | 4.480 | 4.491 | VV | 219           | 1396    | 0.05%  | 0.002% |
| 101 | 4.497 | 4.491 | 4.504 | VV | 211           | 1450    | 0.05%  | 0.002% |
| 102 | 4.538 | 4.504 | 4.548 | VV | 645           | 9809    | 0.33%  | 0.016% |
| 103 | 4.583 | 4.548 | 4.616 | VV | 219153        | 2256203 | 76.93% | 3.634% |
| 104 | 4.626 | 4.616 | 4.658 | VV | 410           | 7000    | 0.24%  | 0.011% |
| 105 | 4.668 | 4.658 | 4.687 | VV | 237           | 3634    | 0.12%  | 0.006% |
| 106 | 4.692 | 4.687 | 4.697 | VV | 233           | 1050    | 0.04%  | 0.002% |
| 107 | 4.707 | 4.697 | 4.727 | VV | 246           | 3138    | 0.11%  | 0.005% |
| 108 | 4.751 | 4.727 | 4.780 | VV | 1533          | 24531   | 0.84%  | 0.040% |
| 109 | 4.792 | 4.780 | 4.850 | VV | 673           | 16321   | 0.56%  | 0.026% |
| 110 | 4.870 | 4.850 | 4.883 | VV | 294           | 4651    | 0.16%  | 0.007% |
| 111 | 4.891 | 4.883 | 4.909 | VV | 279           | 3526    | 0.12%  | 0.006% |
| 112 | 4.950 | 4.909 | 4.973 | VV | 594           | 15118   | 0.52%  | 0.024% |
| 113 | 4.977 | 4.973 | 5.023 | VV | 481           | 11537   | 0.39%  | 0.019% |
| 114 | 5.030 | 5.023 | 5.054 | VV | 411           | 5433    | 0.19%  | 0.009% |
| 115 | 5.058 | 5.054 | 5.080 | VV | 282           | 3726    | 0.13%  | 0.006% |
| 116 | 5.088 | 5.080 | 5.103 | VV | 298           | 3293    | 0.11%  | 0.005% |
| 117 | 5.116 | 5.103 | 5.151 | VV | 371           | 8076    | 0.28%  | 0.013% |
| 118 | 5.158 | 5.151 | 5.163 | VV | 226           | 1291    | 0.04%  | 0.002% |
| 119 | 5.174 | 5.163 | 5.184 | VV | 227           | 2472    | 0.08%  | 0.004% |
| 120 | 5.188 | 5.184 | 5.197 | VV | 227           | 1480    | 0.05%  | 0.002% |
| 121 | 5.201 | 5.197 | 5.207 | VV | 165           | 927     | 0.03%  | 0.001% |
| 122 | 5.228 | 5.207 | 5.240 | VV | 261           | 4080    | 0.14%  | 0.007% |
| 123 | 5.243 | 5.240 | 5.261 | VV | 266           | 2550    | 0.09%  | 0.004% |
| 124 | 5.274 | 5.261 | 5.279 | VV | 262           | 2237    | 0.08%  | 0.004% |
| 125 | 5.286 | 5.279 | 5.297 | VV | 221           | 2046    | 0.07%  | 0.003% |
| 126 | 5.300 | 5.297 | 5.306 | VV | 197           | 835     | 0.03%  | 0.001% |

|     |       |       |       |    |        |       |       |        |
|-----|-------|-------|-------|----|--------|-------|-------|--------|
|     |       |       |       |    | rteres |       |       |        |
| 127 | 5.310 | 5.306 | 5.323 | VV | 156    | 1295  | 0.04% | 0.002% |
| 128 | 5.326 | 5.323 | 5.330 | VV | 175    | 588   | 0.02% | 0.001% |
| 129 | 5.344 | 5.330 | 5.360 | VV | 179    | 2493  | 0.08% | 0.004% |
| 130 | 5.366 | 5.360 | 5.374 | VV | 159    | 1023  | 0.03% | 0.002% |
| 131 | 5.378 | 5.374 | 5.383 | VV | 143    | 593   | 0.02% | 0.001% |
| 132 | 5.407 | 5.383 | 5.437 | VV | 571    | 7943  | 0.27% | 0.013% |
| 133 | 5.455 | 5.437 | 5.465 | VV | 125    | 1747  | 0.06% | 0.003% |
| 134 | 5.471 | 5.465 | 5.489 | VV | 135    | 1366  | 0.05% | 0.002% |
| 135 | 5.493 | 5.489 | 5.507 | VV | 123    | 1089  | 0.04% | 0.002% |
| 136 | 5.528 | 5.507 | 5.551 | VV | 1101   | 12751 | 0.43% | 0.021% |
| 137 | 5.558 | 5.551 | 5.578 | VV | 163    | 2096  | 0.07% | 0.003% |
| 138 | 5.585 | 5.578 | 5.591 | VV | 171    | 988   | 0.03% | 0.002% |
| 139 | 5.602 | 5.591 | 5.618 | VV | 197    | 1925  | 0.07% | 0.003% |
| 140 | 5.620 | 5.618 | 5.642 | VV | 137    | 968   | 0.03% | 0.002% |
| 141 | 5.668 | 5.642 | 5.698 | PV | 179    | 2782  | 0.09% | 0.004% |
| 142 | 5.701 | 5.698 | 5.708 | VV | 70     | 308   | 0.01% | 0.000% |
| 143 | 5.723 | 5.708 | 5.742 | VV | 254    | 2818  | 0.10% | 0.005% |
| 144 | 5.767 | 5.742 | 5.797 | VV | 303    | 5101  | 0.17% | 0.008% |
| 145 | 5.822 | 5.797 | 5.858 | VV | 1467   | 18167 | 0.62% | 0.029% |
| 146 | 5.862 | 5.858 | 5.868 | VV | 213    | 962   | 0.03% | 0.002% |
| 147 | 5.874 | 5.868 | 5.895 | VV | 155    | 2022  | 0.07% | 0.003% |
| 148 | 5.906 | 5.895 | 5.925 | VV | 139    | 1906  | 0.06% | 0.003% |
| 149 | 5.931 | 5.925 | 5.937 | VV | 117    | 612   | 0.02% | 0.001% |
| 150 | 5.963 | 5.937 | 5.971 | VV | 202    | 2471  | 0.08% | 0.004% |
| 151 | 5.974 | 5.971 | 5.980 | VV | 151    | 637   | 0.02% | 0.001% |
| 152 | 5.983 | 5.980 | 5.994 | VV | 145    | 808   | 0.03% | 0.001% |
| 153 | 5.997 | 5.994 | 6.019 | VV | 112    | 1223  | 0.04% | 0.002% |
| 154 | 6.054 | 6.019 | 6.066 | VV | 158    | 2740  | 0.09% | 0.004% |
| 155 | 6.070 | 6.066 | 6.074 | VV | 94     | 329   | 0.01% | 0.001% |
| 156 | 6.091 | 6.074 | 6.112 | VV | 281    | 3803  | 0.13% | 0.006% |
| 157 | 6.116 | 6.112 | 6.123 | VV | 116    | 563   | 0.02% | 0.001% |
| 158 | 6.130 | 6.123 | 6.136 | VV | 110    | 712   | 0.02% | 0.001% |
| 159 | 6.145 | 6.136 | 6.167 | VV | 153    | 1908  | 0.07% | 0.003% |
| 160 | 6.171 | 6.167 | 6.188 | VV | 160    | 1265  | 0.04% | 0.002% |
| 161 | 6.191 | 6.188 | 6.218 | VV | 123    | 1639  | 0.06% | 0.003% |
| 162 | 6.225 | 6.218 | 6.237 | VV | 86     | 583   | 0.02% | 0.001% |
| 163 | 6.241 | 6.237 | 6.245 | VV | 92     | 296   | 0.01% | 0.000% |
| 164 | 6.260 | 6.245 | 6.269 | VV | 179    | 1942  | 0.07% | 0.003% |
| 165 | 6.288 | 6.269 | 6.350 | VV | 753    | 13920 | 0.47% | 0.022% |
| 166 | 6.355 | 6.350 | 6.362 | VV | 164    | 999   | 0.03% | 0.002% |
| 167 | 6.369 | 6.362 | 6.373 | VV | 159    | 804   | 0.03% | 0.001% |
| 168 | 6.382 | 6.373 | 6.389 | VV | 198    | 1496  | 0.05% | 0.002% |
| 169 | 6.395 | 6.389 | 6.419 | VV | 189    | 2637  | 0.09% | 0.004% |
| 170 | 6.424 | 6.419 | 6.430 | VV | 154    | 814   | 0.03% | 0.001% |
| 171 | 6.473 | 6.430 | 6.513 | VV | 932    | 16544 | 0.56% | 0.027% |
| 172 | 6.516 | 6.513 | 6.534 | VV | 175    | 1897  | 0.06% | 0.003% |
| 173 | 6.560 | 6.534 | 6.570 | VV | 255    | 4072  | 0.14% | 0.007% |
| 174 | 6.592 | 6.570 | 6.633 | VV | 1105   | 18762 | 0.64% | 0.030% |

|     |       |       |       |    |               |         |        |        |
|-----|-------|-------|-------|----|---------------|---------|--------|--------|
| 175 | 6.637 | 6.633 | 6.643 | VV | rteres<br>286 | 1406    | 0.05%  | 0.002% |
| 176 | 6.647 | 6.643 | 6.658 | VV | 248           | 1774    | 0.06%  | 0.003% |
| 177 | 6.675 | 6.658 | 6.694 | VV | 224           | 3362    | 0.11%  | 0.005% |
| 178 | 6.703 | 6.694 | 6.708 | VV | 167           | 850     | 0.03%  | 0.001% |
| 179 | 6.717 | 6.708 | 6.724 | VV | 164           | 1289    | 0.04%  | 0.002% |
| 180 | 6.754 | 6.724 | 6.792 | VV | 247029        | 2469137 | 84.19% | 3.977% |
| 181 | 6.796 | 6.792 | 6.808 | VV | 138           | 824     | 0.03%  | 0.001% |
| 182 | 6.814 | 6.808 | 6.820 | VV | 105           | 555     | 0.02%  | 0.001% |
| 183 | 6.839 | 6.820 | 6.856 | VV | 168           | 2541    | 0.09%  | 0.004% |
| 184 | 6.873 | 6.856 | 6.897 | VV | 280           | 3948    | 0.13%  | 0.006% |
| 185 | 6.910 | 6.897 | 6.929 | VV | 212           | 2661    | 0.09%  | 0.004% |
| 186 | 6.933 | 6.929 | 6.949 | VV | 92            | 683     | 0.02%  | 0.001% |
| 187 | 6.954 | 6.949 | 6.968 | VV | 58            | 419     | 0.01%  | 0.001% |
| 188 | 6.987 | 6.968 | 7.001 | VV | 141           | 1795    | 0.06%  | 0.003% |
| 189 | 7.010 | 7.001 | 7.019 | VV | 102           | 788     | 0.03%  | 0.001% |
| 190 | 7.043 | 7.019 | 7.063 | VV | 125           | 1822    | 0.06%  | 0.003% |
| 191 | 7.077 | 7.063 | 7.093 | PV | 210           | 2123    | 0.07%  | 0.003% |
| 192 | 7.097 | 7.093 | 7.103 | VV | 122           | 530     | 0.02%  | 0.001% |
| 193 | 7.107 | 7.103 | 7.115 | VV | 95            | 513     | 0.02%  | 0.001% |
| 194 | 7.118 | 7.115 | 7.126 | VV | 100           | 406     | 0.01%  | 0.001% |
| 195 | 7.132 | 7.126 | 7.143 | VV | 120           | 915     | 0.03%  | 0.001% |
| 196 | 7.147 | 7.143 | 7.153 | VV | 99            | 561     | 0.02%  | 0.001% |
| 197 | 7.158 | 7.153 | 7.183 | VV | 118           | 1519    | 0.05%  | 0.002% |
| 198 | 7.189 | 7.183 | 7.196 | VV | 116           | 527     | 0.02%  | 0.001% |
| 199 | 7.202 | 7.196 | 7.211 | VV | 140           | 774     | 0.03%  | 0.001% |
| 200 | 7.231 | 7.211 | 7.243 | VV | 486           | 5682    | 0.19%  | 0.009% |
| 201 | 7.249 | 7.243 | 7.258 | VV | 458           | 3616    | 0.12%  | 0.006% |
| 202 | 7.265 | 7.258 | 7.272 | VV | 421           | 3155    | 0.11%  | 0.005% |
| 203 | 7.281 | 7.272 | 7.313 | VV | 355           | 6745    | 0.23%  | 0.011% |
| 204 | 7.326 | 7.313 | 7.351 | VV | 315           | 5135    | 0.18%  | 0.008% |
| 205 | 7.354 | 7.351 | 7.358 | VV | 167           | 580     | 0.02%  | 0.001% |
| 206 | 7.372 | 7.358 | 7.384 | VV | 330           | 3910    | 0.13%  | 0.006% |
| 207 | 7.388 | 7.384 | 7.414 | VV | 284           | 3361    | 0.11%  | 0.005% |
| 208 | 7.433 | 7.414 | 7.460 | VV | 1404          | 16405   | 0.56%  | 0.026% |
| 209 | 7.474 | 7.460 | 7.501 | VV | 344           | 4662    | 0.16%  | 0.008% |
| 210 | 7.507 | 7.501 | 7.516 | VV | 96            | 607     | 0.02%  | 0.001% |
| 211 | 7.528 | 7.516 | 7.556 | VV | 175           | 2495    | 0.09%  | 0.004% |
| 212 | 7.572 | 7.556 | 7.585 | VV | 160           | 1742    | 0.06%  | 0.003% |
| 213 | 7.591 | 7.585 | 7.603 | VV | 92            | 675     | 0.02%  | 0.001% |
| 214 | 7.609 | 7.603 | 7.618 | VV | 68            | 506     | 0.02%  | 0.001% |
| 215 | 7.625 | 7.618 | 7.633 | VV | 98            | 385     | 0.01%  | 0.001% |
| 216 | 7.639 | 7.633 | 7.644 | VV | 75            | 290     | 0.01%  | 0.000% |
| 217 | 7.648 | 7.644 | 7.671 | VV | 83            | 843     | 0.03%  | 0.001% |
| 218 | 7.702 | 7.671 | 7.732 | VV | 2932          | 31611   | 1.08%  | 0.051% |
| 219 | 7.753 | 7.732 | 7.758 | PV | 97            | 979     | 0.03%  | 0.002% |
| 220 | 7.772 | 7.758 | 7.796 | VV | 183           | 2567    | 0.09%  | 0.004% |
| 221 | 7.825 | 7.796 | 7.843 | VV | 217           | 4197    | 0.14%  | 0.007% |

|     |       |       |       |    |        |         |        |        |
|-----|-------|-------|-------|----|--------|---------|--------|--------|
|     |       |       |       |    | rteres |         |        |        |
| 222 | 7.872 | 7.843 | 7.905 | VV | 287    | 6217    | 0.21%  | 0.010% |
| 223 | 7.916 | 7.905 | 7.921 | VV | 150    | 1051    | 0.04%  | 0.002% |
| 224 | 7.926 | 7.921 | 7.934 | VV | 115    | 717     | 0.02%  | 0.001% |
| 225 | 7.952 | 7.934 | 7.961 | VV | 192    | 2091    | 0.07%  | 0.003% |
| 226 | 7.969 | 7.961 | 7.985 | VV | 199    | 1992    | 0.07%  | 0.003% |
| 227 | 8.018 | 7.985 | 8.028 | VV | 188    | 3808    | 0.13%  | 0.006% |
| 228 | 8.050 | 8.028 | 8.066 | VV | 240    | 3973    | 0.14%  | 0.006% |
| 229 | 8.071 | 8.066 | 8.094 | VV | 175    | 2121    | 0.07%  | 0.003% |
| 230 | 8.100 | 8.094 | 8.103 | VV | 83     | 349     | 0.01%  | 0.001% |
| 231 | 8.128 | 8.103 | 8.146 | VV | 405    | 6710    | 0.23%  | 0.011% |
| 232 | 8.164 | 8.146 | 8.176 | VV | 690    | 8064    | 0.27%  | 0.013% |
| 233 | 8.188 | 8.176 | 8.211 | VV | 743    | 8970    | 0.31%  | 0.014% |
| 234 | 8.232 | 8.211 | 8.252 | VV | 658    | 8126    | 0.28%  | 0.013% |
| 235 | 8.277 | 8.252 | 8.298 | VV | 1627   | 19279   | 0.66%  | 0.031% |
| 236 | 8.312 | 8.298 | 8.316 | VV | 258    | 2288    | 0.08%  | 0.004% |
| 237 | 8.334 | 8.316 | 8.358 | VV | 1458   | 17395   | 0.59%  | 0.028% |
| 238 | 8.363 | 8.358 | 8.381 | VV | 202    | 2403    | 0.08%  | 0.004% |
| 239 | 8.385 | 8.381 | 8.388 | VV | 199    | 693     | 0.02%  | 0.001% |
| 240 | 8.406 | 8.388 | 8.428 | VV | 730    | 9922    | 0.34%  | 0.016% |
| 241 | 8.444 | 8.428 | 8.451 | VV | 298    | 2970    | 0.10%  | 0.005% |
| 242 | 8.457 | 8.451 | 8.461 | VV | 202    | 1183    | 0.04%  | 0.002% |
| 243 | 8.484 | 8.461 | 8.510 | VV | 488    | 10122   | 0.35%  | 0.016% |
| 244 | 8.519 | 8.510 | 8.528 | VV | 259    | 2568    | 0.09%  | 0.004% |
| 245 | 8.553 | 8.528 | 8.561 | VV | 4404   | 47742   | 1.63%  | 0.077% |
| 246 | 8.586 | 8.561 | 8.626 | VV | 252316 | 2628392 | 89.62% | 4.234% |
| 247 | 8.637 | 8.626 | 8.656 | VV | 444    | 6048    | 0.21%  | 0.010% |
| 248 | 8.691 | 8.656 | 8.724 | VV | 677    | 19667   | 0.67%  | 0.032% |
| 249 | 8.731 | 8.724 | 8.754 | VV | 434    | 5704    | 0.19%  | 0.009% |
| 250 | 8.774 | 8.754 | 8.815 | VV | 360    | 8473    | 0.29%  | 0.014% |
| 251 | 8.818 | 8.815 | 8.822 | VV | 163    | 696     | 0.02%  | 0.001% |
| 252 | 8.827 | 8.822 | 8.849 | VV | 154    | 1977    | 0.07%  | 0.003% |
| 253 | 8.885 | 8.849 | 8.906 | VV | 198    | 4459    | 0.15%  | 0.007% |
| 254 | 8.914 | 8.906 | 8.929 | VV | 185    | 1650    | 0.06%  | 0.003% |
| 255 | 8.957 | 8.929 | 8.963 | VV | 363    | 5121    | 0.17%  | 0.008% |
| 256 | 8.964 | 8.963 | 8.979 | VV | 352    | 2352    | 0.08%  | 0.004% |
| 257 | 8.990 | 8.979 | 9.017 | VV | 366    | 6787    | 0.23%  | 0.011% |
| 258 | 9.036 | 9.017 | 9.052 | VV | 542    | 7325    | 0.25%  | 0.012% |
| 259 | 9.062 | 9.052 | 9.078 | VV | 302    | 3806    | 0.13%  | 0.006% |
| 260 | 9.081 | 9.078 | 9.093 | VV | 270    | 1733    | 0.06%  | 0.003% |
| 261 | 9.127 | 9.093 | 9.168 | VV | 518    | 10520   | 0.36%  | 0.017% |
| 262 | 9.192 | 9.168 | 9.217 | VV | 1289   | 17111   | 0.58%  | 0.028% |
| 263 | 9.246 | 9.217 | 9.260 | VV | 258    | 4989    | 0.17%  | 0.008% |
| 264 | 9.276 | 9.260 | 9.282 | VV | 181    | 1983    | 0.07%  | 0.003% |
| 265 | 9.290 | 9.282 | 9.296 | VV | 154    | 965     | 0.03%  | 0.002% |
| 266 | 9.331 | 9.296 | 9.358 | VV | 315    | 7446    | 0.25%  | 0.012% |
| 267 | 9.387 | 9.358 | 9.393 | VV | 129    | 1990    | 0.07%  | 0.003% |
| 268 | 9.415 | 9.393 | 9.443 | VV | 926    | 14241   | 0.49%  | 0.023% |
| 269 | 9.448 | 9.443 | 9.455 | VV | 264    | 1657    | 0.06%  | 0.003% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 270 | 9.460  | 9.455  | 9.487  | VV | 252    | 3397    | 0.12%  | 0.005% |
| 271 | 9.494  | 9.487  | 9.498  | VV | 160    | 921     | 0.03%  | 0.001% |
| 272 | 9.502  | 9.498  | 9.525  | VV | 165    | 2017    | 0.07%  | 0.003% |
| 273 | 9.532  | 9.525  | 9.543  | VV | 116    | 932     | 0.03%  | 0.002% |
| 274 | 9.556  | 9.543  | 9.584  | VV | 474    | 5628    | 0.19%  | 0.009% |
| 275 | 9.611  | 9.584  | 9.620  | VV | 200    | 3139    | 0.11%  | 0.005% |
| 276 | 9.623  | 9.620  | 9.628  | VV | 180    | 754     | 0.03%  | 0.001% |
| 277 | 9.648  | 9.628  | 9.681  | VV | 257    | 4968    | 0.17%  | 0.008% |
| 278 | 9.688  | 9.681  | 9.693  | PV | 132    | 658     | 0.02%  | 0.001% |
| 279 | 9.740  | 9.693  | 9.770  | VV | 2586   | 37592   | 1.28%  | 0.061% |
| 280 | 9.791  | 9.770  | 9.817  | VV | 632    | 13670   | 0.47%  | 0.022% |
| 281 | 9.836  | 9.817  | 9.866  | VV | 462    | 8796    | 0.30%  | 0.014% |
| 282 | 9.873  | 9.866  | 9.880  | VV | 226    | 1661    | 0.06%  | 0.003% |
| 283 | 9.885  | 9.880  | 9.897  | VV | 219    | 1967    | 0.07%  | 0.003% |
| 284 | 9.930  | 9.897  | 9.953  | VV | 383    | 8042    | 0.27%  | 0.013% |
| 285 | 9.978  | 9.953  | 9.994  | VV | 1186   | 14526   | 0.50%  | 0.023% |
| 286 | 10.006 | 9.994  | 10.050 | VV | 534    | 10406   | 0.35%  | 0.017% |
| 287 | 10.071 | 10.050 | 10.079 | VV | 239    | 2897    | 0.10%  | 0.005% |
| 288 | 10.127 | 10.079 | 10.157 | VV | 3966   | 48532   | 1.65%  | 0.078% |
| 289 | 10.199 | 10.157 | 10.254 | VV | 250451 | 2769079 | 94.41% | 4.461% |
| 290 | 10.264 | 10.254 | 10.286 | VV | 130    | 1925    | 0.07%  | 0.003% |
| 291 | 10.301 | 10.286 | 10.307 | VV | 162    | 1638    | 0.06%  | 0.003% |
| 292 | 10.309 | 10.307 | 10.321 | VV | 146    | 742     | 0.03%  | 0.001% |
| 293 | 10.326 | 10.321 | 10.332 | VV | 84     | 326     | 0.01%  | 0.001% |
| 294 | 10.345 | 10.332 | 10.349 | VV | 103    | 667     | 0.02%  | 0.001% |
| 295 | 10.353 | 10.349 | 10.360 | VV | 97     | 388     | 0.01%  | 0.001% |
| 296 | 10.364 | 10.360 | 10.394 | VV | 92     | 1018    | 0.03%  | 0.002% |
| 297 | 10.405 | 10.394 | 10.414 | VV | 65     | 604     | 0.02%  | 0.001% |
| 298 | 10.420 | 10.414 | 10.433 | VV | 82     | 454     | 0.02%  | 0.001% |
| 299 | 10.440 | 10.433 | 10.468 | PV | 106    | 968     | 0.03%  | 0.002% |
| 300 | 10.513 | 10.468 | 10.532 | VV | 175    | 3472    | 0.12%  | 0.006% |
| 301 | 10.538 | 10.532 | 10.545 | VV | 238    | 1317    | 0.04%  | 0.002% |
| 302 | 10.547 | 10.545 | 10.558 | VV | 185    | 1127    | 0.04%  | 0.002% |
| 303 | 10.561 | 10.558 | 10.566 | VV | 141    | 595     | 0.02%  | 0.001% |
| 304 | 10.585 | 10.566 | 10.606 | VV | 292    | 4666    | 0.16%  | 0.008% |
| 305 | 10.636 | 10.606 | 10.658 | VV | 273    | 5381    | 0.18%  | 0.009% |
| 306 | 10.670 | 10.658 | 10.697 | VV | 192    | 3121    | 0.11%  | 0.005% |
| 307 | 10.709 | 10.697 | 10.718 | VV | 124    | 1277    | 0.04%  | 0.002% |
| 308 | 10.722 | 10.718 | 10.735 | VV | 167    | 1228    | 0.04%  | 0.002% |
| 309 | 10.756 | 10.735 | 10.776 | VV | 235    | 4170    | 0.14%  | 0.007% |
| 310 | 10.784 | 10.776 | 10.795 | VV | 218    | 1914    | 0.07%  | 0.003% |
| 311 | 10.801 | 10.795 | 10.813 | VV | 174    | 1680    | 0.06%  | 0.003% |
| 312 | 10.840 | 10.813 | 10.859 | VV | 303    | 5502    | 0.19%  | 0.009% |
| 313 | 10.866 | 10.859 | 10.874 | VV | 189    | 1321    | 0.05%  | 0.002% |
| 314 | 10.892 | 10.874 | 10.918 | VV | 457    | 7350    | 0.25%  | 0.012% |
| 315 | 10.940 | 10.918 | 10.963 | VV | 732    | 11044   | 0.38%  | 0.018% |
| 316 | 10.973 | 10.963 | 10.981 | VV | 249    | 2413    | 0.08%  | 0.004% |

|     |        |        |        |    |        |         |         |        |
|-----|--------|--------|--------|----|--------|---------|---------|--------|
|     |        |        |        |    | rteres |         |         |        |
| 317 | 10.983 | 10.981 | 10.990 | VV | 234    | 994     | 0.03%   | 0.002% |
| 318 | 10.993 | 10.990 | 10.997 | VV | 230    | 901     | 0.03%   | 0.001% |
| 319 | 11.005 | 10.997 | 11.019 | VV | 236    | 2725    | 0.09%   | 0.004% |
| 320 | 11.038 | 11.019 | 11.057 | VV | 494    | 6902    | 0.24%   | 0.011% |
| 321 | 11.078 | 11.057 | 11.125 | VV | 456    | 7912    | 0.27%   | 0.013% |
| 322 | 11.133 | 11.125 | 11.141 | VV | 100    | 685     | 0.02%   | 0.001% |
| 323 | 11.162 | 11.141 | 11.171 | VV | 363    | 3716    | 0.13%   | 0.006% |
| 324 | 11.189 | 11.171 | 11.200 | VV | 958    | 10103   | 0.34%   | 0.016% |
| 325 | 11.215 | 11.200 | 11.249 | VV | 2188   | 32382   | 1.10%   | 0.052% |
| 326 | 11.261 | 11.249 | 11.283 | VV | 654    | 9223    | 0.31%   | 0.015% |
| 327 | 11.286 | 11.283 | 11.304 | VV | 284    | 2726    | 0.09%   | 0.004% |
| 328 | 11.316 | 11.304 | 11.336 | VV | 254    | 3407    | 0.12%   | 0.005% |
| 329 | 11.342 | 11.336 | 11.346 | VV | 135    | 749     | 0.03%   | 0.001% |
| 330 | 11.364 | 11.346 | 11.376 | VV | 217    | 3051    | 0.10%   | 0.005% |
| 331 | 11.394 | 11.376 | 11.420 | VV | 254    | 4130    | 0.14%   | 0.007% |
| 332 | 11.427 | 11.420 | 11.433 | VV | 84     | 424     | 0.01%   | 0.001% |
| 333 | 11.457 | 11.433 | 11.465 | VV | 279    | 3331    | 0.11%   | 0.005% |
| 334 | 11.477 | 11.465 | 11.493 | VV | 314    | 4086    | 0.14%   | 0.007% |
| 335 | 11.501 | 11.493 | 11.545 | VV | 233    | 3266    | 0.11%   | 0.005% |
| 336 | 11.556 | 11.545 | 11.561 | VV | 121    | 656     | 0.02%   | 0.001% |
| 337 | 11.576 | 11.561 | 11.591 | VV | 260    | 2950    | 0.10%   | 0.005% |
| 338 | 11.647 | 11.591 | 11.702 | VV | 246636 | 2932905 | 100.00% | 4.724% |
| 339 | 11.721 | 11.702 | 11.789 | VV | 704    | 16664   | 0.57%   | 0.027% |
| 340 | 11.794 | 11.789 | 11.798 | VV | 151    | 681     | 0.02%   | 0.001% |
| 341 | 11.802 | 11.798 | 11.813 | VV | 164    | 1059    | 0.04%   | 0.002% |
| 342 | 11.819 | 11.813 | 11.824 | VV | 102    | 586     | 0.02%   | 0.001% |
| 343 | 11.841 | 11.824 | 11.871 | VV | 306    | 3919    | 0.13%   | 0.006% |
| 344 | 11.905 | 11.871 | 11.942 | PV | 1908   | 30614   | 1.04%   | 0.049% |
| 345 | 11.946 | 11.942 | 11.984 | VV | 315    | 4977    | 0.17%   | 0.008% |
| 346 | 11.997 | 11.984 | 12.012 | VV | 282    | 3075    | 0.10%   | 0.005% |
| 347 | 12.025 | 12.012 | 12.041 | VV | 281    | 3461    | 0.12%   | 0.006% |
| 348 | 12.064 | 12.041 | 12.091 | VV | 1702   | 21927   | 0.75%   | 0.035% |
| 349 | 12.106 | 12.091 | 12.123 | VV | 674    | 9417    | 0.32%   | 0.015% |
| 350 | 12.134 | 12.123 | 12.161 | VV | 516    | 7311    | 0.25%   | 0.012% |
| 351 | 12.176 | 12.161 | 12.189 | VV | 308    | 3183    | 0.11%   | 0.005% |
| 352 | 12.194 | 12.189 | 12.208 | VV | 134    | 1180    | 0.04%   | 0.002% |
| 353 | 12.211 | 12.208 | 12.228 | VV | 120    | 645     | 0.02%   | 0.001% |
| 354 | 12.262 | 12.228 | 12.278 | PV | 101    | 1407    | 0.05%   | 0.002% |
| 355 | 12.324 | 12.278 | 12.361 | VV | 486    | 15534   | 0.53%   | 0.025% |
| 356 | 12.368 | 12.361 | 12.386 | VV | 371    | 3903    | 0.13%   | 0.006% |
| 357 | 12.411 | 12.386 | 12.461 | VV | 2775   | 45244   | 1.54%   | 0.073% |
| 358 | 12.475 | 12.461 | 12.503 | VV | 581    | 8405    | 0.29%   | 0.014% |
| 359 | 12.509 | 12.503 | 12.519 | VV | 122    | 774     | 0.03%   | 0.001% |
| 360 | 12.571 | 12.519 | 12.673 | VV | 123893 | 1666530 | 56.82%  | 2.685% |
| 361 | 12.677 | 12.673 | 12.692 | VV | 797    | 8005    | 0.27%   | 0.013% |
| 362 | 12.698 | 12.692 | 12.715 | VV | 694    | 9063    | 0.31%   | 0.015% |
| 363 | 12.727 | 12.715 | 12.761 | VV | 651    | 13768   | 0.47%   | 0.022% |
| 364 | 12.780 | 12.761 | 12.803 | VV | 505    | 10020   | 0.34%   | 0.016% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 365 | 12.808 | 12.803 | 12.813 | VV | 266    | 1533    | 0.05%  | 0.002% |
| 366 | 12.875 | 12.813 | 12.890 | VV | 730    | 17979   | 0.61%  | 0.029% |
| 367 | 12.898 | 12.890 | 12.923 | VV | 589    | 9770    | 0.33%  | 0.016% |
| 368 | 12.962 | 12.923 | 12.994 | VV | 237315 | 2889711 | 98.53% | 4.655% |
| 369 | 13.017 | 12.994 | 13.061 | VV | 3055   | 51590   | 1.76%  | 0.083% |
| 370 | 13.067 | 13.061 | 13.097 | VV | 249    | 3910    | 0.13%  | 0.006% |
| 371 | 13.101 | 13.097 | 13.108 | VV | 133    | 587     | 0.02%  | 0.001% |
| 372 | 13.111 | 13.108 | 13.117 | VV | 95     | 461     | 0.02%  | 0.001% |
| 373 | 13.124 | 13.117 | 13.131 | VV | 119    | 690     | 0.02%  | 0.001% |
| 374 | 13.151 | 13.131 | 13.171 | VV | 376    | 4975    | 0.17%  | 0.008% |
| 375 | 13.201 | 13.171 | 13.245 | VV | 1700   | 33036   | 1.13%  | 0.053% |
| 376 | 13.253 | 13.245 | 13.288 | VV | 318    | 4885    | 0.17%  | 0.008% |
| 377 | 13.313 | 13.288 | 13.338 | VV | 1975   | 23035   | 0.79%  | 0.037% |
| 378 | 13.360 | 13.338 | 13.391 | VV | 1542   | 24257   | 0.83%  | 0.039% |
| 379 | 13.403 | 13.391 | 13.429 | VV | 243    | 3226    | 0.11%  | 0.005% |
| 380 | 13.450 | 13.429 | 13.466 | PV | 289    | 3172    | 0.11%  | 0.005% |
| 381 | 13.474 | 13.466 | 13.481 | VV | 64     | 378     | 0.01%  | 0.001% |
| 382 | 13.492 | 13.481 | 13.499 | VV | 85     | 711     | 0.02%  | 0.001% |
| 383 | 13.503 | 13.499 | 13.510 | VV | 75     | 395     | 0.01%  | 0.001% |
| 384 | 13.513 | 13.510 | 13.522 | VV | 109    | 570     | 0.02%  | 0.001% |
| 385 | 13.525 | 13.522 | 13.531 | VV | 74     | 269     | 0.01%  | 0.000% |
| 386 | 13.587 | 13.531 | 13.620 | PV | 11707  | 175392  | 5.98%  | 0.283% |
| 387 | 13.640 | 13.620 | 13.709 | VV | 7641   | 146960  | 5.01%  | 0.237% |
| 388 | 13.717 | 13.709 | 13.751 | VV | 707    | 12890   | 0.44%  | 0.021% |
| 389 | 13.767 | 13.751 | 13.776 | VV | 869    | 9771    | 0.33%  | 0.016% |
| 390 | 13.803 | 13.776 | 13.883 | VV | 44064  | 588370  | 20.06% | 0.948% |
| 391 | 13.900 | 13.883 | 13.936 | VV | 964    | 22748   | 0.78%  | 0.037% |
| 392 | 13.963 | 13.936 | 13.986 | VV | 505    | 12797   | 0.44%  | 0.021% |
| 393 | 14.006 | 13.986 | 14.041 | VV | 1005   | 18169   | 0.62%  | 0.029% |
| 394 | 14.053 | 14.041 | 14.075 | VV | 395    | 4849    | 0.17%  | 0.008% |
| 395 | 14.082 | 14.075 | 14.086 | VV | 161    | 938     | 0.03%  | 0.002% |
| 396 | 14.117 | 14.086 | 14.132 | VV | 1629   | 22923   | 0.78%  | 0.037% |
| 397 | 14.166 | 14.132 | 14.211 | VV | 226969 | 2862374 | 97.60% | 4.611% |
| 398 | 14.224 | 14.211 | 14.248 | VV | 251    | 3004    | 0.10%  | 0.005% |
| 399 | 14.259 | 14.248 | 14.274 | VV | 160    | 1455    | 0.05%  | 0.002% |
| 400 | 14.296 | 14.274 | 14.330 | VV | 252    | 4939    | 0.17%  | 0.008% |
| 401 | 14.350 | 14.330 | 14.363 | VV | 114    | 1593    | 0.05%  | 0.003% |
| 402 | 14.396 | 14.363 | 14.437 | VV | 309    | 7321    | 0.25%  | 0.012% |
| 403 | 14.452 | 14.437 | 14.465 | VV | 105    | 984     | 0.03%  | 0.002% |
| 404 | 14.491 | 14.465 | 14.503 | VV | 117    | 1449    | 0.05%  | 0.002% |
| 405 | 14.552 | 14.503 | 14.594 | PV | 2687   | 43820   | 1.49%  | 0.071% |
| 406 | 14.641 | 14.594 | 14.655 | VV | 409    | 10326   | 0.35%  | 0.017% |
| 407 | 14.659 | 14.655 | 14.671 | VV | 167    | 1253    | 0.04%  | 0.002% |
| 408 | 14.673 | 14.671 | 14.676 | VV | 138    | 314     | 0.01%  | 0.001% |
| 409 | 14.691 | 14.676 | 14.696 | VV | 206    | 1787    | 0.06%  | 0.003% |
| 410 | 14.730 | 14.696 | 14.764 | VV | 4703   | 71846   | 2.45%  | 0.116% |
| 411 | 14.782 | 14.764 | 14.812 | VV | 1750   | 28977   | 0.99%  | 0.047% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 412 | 14.828 | 14.812 | 14.854 | VV | 880    | 15513   | 0.53%  | 0.025% |
| 413 | 14.860 | 14.854 | 14.866 | VV | 385    | 2675    | 0.09%  | 0.004% |
| 414 | 14.885 | 14.866 | 14.913 | VV | 532    | 9290    | 0.32%  | 0.015% |
| 415 | 14.947 | 14.913 | 14.995 | VV | 2668   | 47561   | 1.62%  | 0.077% |
| 416 | 15.002 | 14.995 | 15.006 | VV | 373    | 2383    | 0.08%  | 0.004% |
| 417 | 15.010 | 15.006 | 15.027 | VV | 374    | 3063    | 0.10%  | 0.005% |
| 418 | 15.067 | 15.027 | 15.103 | VV | 139804 | 1917962 | 65.39% | 3.090% |
| 419 | 15.111 | 15.103 | 15.136 | VV | 1108   | 15080   | 0.51%  | 0.024% |
| 420 | 15.150 | 15.136 | 15.175 | VV | 512    | 7881    | 0.27%  | 0.013% |
| 421 | 15.196 | 15.175 | 15.213 | VV | 1264   | 15057   | 0.51%  | 0.024% |
| 422 | 15.272 | 15.213 | 15.305 | VV | 216932 | 2885624 | 98.39% | 4.648% |
| 423 | 15.316 | 15.305 | 15.340 | VV | 756    | 8666    | 0.30%  | 0.014% |
| 424 | 15.360 | 15.340 | 15.396 | VV | 339    | 4886    | 0.17%  | 0.008% |
| 425 | 15.415 | 15.396 | 15.427 | PV | 93     | 993     | 0.03%  | 0.002% |
| 426 | 15.434 | 15.427 | 15.449 | VV | 130    | 1114    | 0.04%  | 0.002% |
| 427 | 15.465 | 15.449 | 15.477 | VV | 267    | 2937    | 0.10%  | 0.005% |
| 428 | 15.497 | 15.477 | 15.516 | VV | 433    | 6653    | 0.23%  | 0.011% |
| 429 | 15.521 | 15.516 | 15.527 | VV | 211    | 1014    | 0.03%  | 0.002% |
| 430 | 15.544 | 15.527 | 15.574 | VV | 259    | 3717    | 0.13%  | 0.006% |
| 431 | 15.608 | 15.574 | 15.613 | PV | 387    | 4796    | 0.16%  | 0.008% |
| 432 | 15.649 | 15.613 | 15.731 | VV | 60516  | 810104  | 27.62% | 1.305% |
| 433 | 15.747 | 15.731 | 15.765 | VV | 440    | 7252    | 0.25%  | 0.012% |
| 434 | 15.793 | 15.765 | 15.817 | VV | 4931   | 70431   | 2.40%  | 0.113% |
| 435 | 15.836 | 15.817 | 15.861 | VV | 3418   | 58620   | 2.00%  | 0.094% |
| 436 | 15.868 | 15.861 | 15.900 | VV | 1850   | 24263   | 0.83%  | 0.039% |
| 437 | 15.919 | 15.900 | 15.950 | VV | 602    | 12140   | 0.41%  | 0.020% |
| 438 | 15.980 | 15.950 | 15.984 | VV | 324    | 5941    | 0.20%  | 0.010% |
| 439 | 16.007 | 15.984 | 16.071 | VV | 3810   | 78827   | 2.69%  | 0.127% |
| 440 | 16.085 | 16.071 | 16.101 | VV | 512    | 7165    | 0.24%  | 0.012% |
| 441 | 16.114 | 16.101 | 16.140 | VV | 445    | 7000    | 0.24%  | 0.011% |
| 442 | 16.167 | 16.140 | 16.203 | VV | 2236   | 32747   | 1.12%  | 0.053% |
| 443 | 16.221 | 16.203 | 16.241 | VV | 157    | 2074    | 0.07%  | 0.003% |
| 444 | 16.298 | 16.241 | 16.339 | VV | 207649 | 2798139 | 95.41% | 4.507% |
| 445 | 16.355 | 16.339 | 16.386 | VV | 514    | 7774    | 0.27%  | 0.013% |
| 446 | 16.393 | 16.386 | 16.407 | VV | 130    | 1056    | 0.04%  | 0.002% |
| 447 | 16.419 | 16.407 | 16.425 | PV | 91     | 535     | 0.02%  | 0.001% |
| 448 | 16.441 | 16.425 | 16.447 | VV | 105    | 876     | 0.03%  | 0.001% |
| 449 | 16.477 | 16.447 | 16.493 | PV | 284    | 4704    | 0.16%  | 0.008% |
| 450 | 16.516 | 16.493 | 16.530 | VV | 567    | 9242    | 0.32%  | 0.015% |
| 451 | 16.537 | 16.530 | 16.565 | VV | 359    | 4949    | 0.17%  | 0.008% |
| 452 | 16.598 | 16.565 | 16.630 | VV | 1081   | 21019   | 0.72%  | 0.034% |
| 453 | 16.665 | 16.630 | 16.720 | VV | 9481   | 148590  | 5.07%  | 0.239% |
| 454 | 16.782 | 16.720 | 16.809 | VV | 5233   | 93711   | 3.20%  | 0.151% |
| 455 | 16.863 | 16.809 | 16.893 | PV | 10292  | 139440  | 4.75%  | 0.225% |
| 456 | 16.908 | 16.893 | 16.962 | VV | 633    | 13965   | 0.48%  | 0.022% |
| 457 | 16.994 | 16.962 | 17.006 | PV | 1557   | 20796   | 0.71%  | 0.033% |
| 458 | 17.025 | 17.006 | 17.060 | VV | 3701   | 63235   | 2.16%  | 0.102% |
| 459 | 17.080 | 17.060 | 17.110 | VV | 1370   | 24534   | 0.84%  | 0.040% |

|     |        |        |        |    |                |         |        |        |
|-----|--------|--------|--------|----|----------------|---------|--------|--------|
| 460 | 17.140 | 17.110 | 17.184 | VV | rteres<br>1935 | 40374   | 1.38%  | 0.065% |
| 461 | 17.251 | 17.184 | 17.281 | VV | 208756         | 2739746 | 93.41% | 4.413% |
| 462 | 17.300 | 17.281 | 17.319 | VV | 8732           | 126734  | 4.32%  | 0.204% |
| 463 | 17.324 | 17.319 | 17.390 | VV | 4345           | 67300   | 2.29%  | 0.108% |
| 464 | 17.395 | 17.390 | 17.414 | VV | 445            | 4338    | 0.15%  | 0.007% |
| 465 | 17.424 | 17.414 | 17.433 | VV | 244            | 2260    | 0.08%  | 0.004% |
| 466 | 17.491 | 17.433 | 17.496 | VV | 683            | 15591   | 0.53%  | 0.025% |
| 467 | 17.503 | 17.496 | 17.508 | VV | 544            | 3719    | 0.13%  | 0.006% |
| 468 | 17.514 | 17.508 | 17.563 | VV | 526            | 11569   | 0.39%  | 0.019% |
| 469 | 17.612 | 17.563 | 17.653 | VV | 4738           | 81981   | 2.80%  | 0.132% |
| 470 | 17.700 | 17.653 | 17.751 | VV | 6192           | 104901  | 3.58%  | 0.169% |
| 471 | 17.758 | 17.751 | 17.765 | VV | 69             | 313     | 0.01%  | 0.001% |
| 472 | 17.782 | 17.765 | 17.786 | PV | 466            | 3657    | 0.12%  | 0.006% |
| 473 | 17.814 | 17.786 | 17.843 | VV | 567            | 13395   | 0.46%  | 0.022% |
| 474 | 17.848 | 17.843 | 17.858 | VV | 123            | 806     | 0.03%  | 0.001% |
| 475 | 17.873 | 17.858 | 17.879 | PV | 159            | 1278    | 0.04%  | 0.002% |
| 476 | 17.888 | 17.879 | 17.897 | VV | 155            | 1181    | 0.04%  | 0.002% |
| 477 | 17.922 | 17.897 | 17.948 | VV | 468            | 8189    | 0.28%  | 0.013% |
| 478 | 17.975 | 17.948 | 17.979 | VV | 522            | 6946    | 0.24%  | 0.011% |
| 479 | 17.984 | 17.979 | 18.011 | VV | 505            | 6814    | 0.23%  | 0.011% |
| 480 | 18.064 | 18.011 | 18.076 | VV | 1072           | 25186   | 0.86%  | 0.041% |
| 481 | 18.094 | 18.076 | 18.105 | VV | 1360           | 18759   | 0.64%  | 0.030% |
| 482 | 18.143 | 18.105 | 18.180 | VV | 187835         | 2668448 | 90.98% | 4.298% |
| 483 | 18.229 | 18.180 | 18.253 | VV | 1773           | 39168   | 1.34%  | 0.063% |
| 484 | 18.258 | 18.253 | 18.262 | VV | 419            | 1954    | 0.07%  | 0.003% |
| 485 | 18.269 | 18.262 | 18.276 | VV | 444            | 3028    | 0.10%  | 0.005% |
| 486 | 18.333 | 18.276 | 18.339 | VV | 446            | 11106   | 0.38%  | 0.018% |
| 487 | 18.369 | 18.339 | 18.393 | VV | 1964           | 29935   | 1.02%  | 0.048% |
| 488 | 18.425 | 18.393 | 18.439 | VV | 1052           | 17649   | 0.60%  | 0.028% |
| 489 | 18.495 | 18.439 | 18.536 | VV | 38168          | 629701  | 21.47% | 1.014% |
| 490 | 18.566 | 18.536 | 18.603 | VV | 10204          | 170442  | 5.81%  | 0.275% |
| 491 | 18.607 | 18.603 | 18.614 | VV | 501            | 3155    | 0.11%  | 0.005% |
| 492 | 18.618 | 18.614 | 18.623 | VV | 501            | 2336    | 0.08%  | 0.004% |
| 493 | 18.654 | 18.623 | 18.690 | VV | 2877           | 54054   | 1.84%  | 0.087% |
| 494 | 18.703 | 18.690 | 18.720 | VV | 616            | 9364    | 0.32%  | 0.015% |
| 495 | 18.766 | 18.720 | 18.800 | VV | 1358           | 37055   | 1.26%  | 0.060% |
| 496 | 18.833 | 18.800 | 18.848 | VV | 1004           | 24434   | 0.83%  | 0.039% |
| 497 | 18.867 | 18.848 | 18.872 | VV | 1195           | 15055   | 0.51%  | 0.024% |
| 498 | 18.879 | 18.872 | 18.887 | VV | 1077           | 9152    | 0.31%  | 0.015% |
| 499 | 18.920 | 18.887 | 18.936 | VV | 2565           | 54202   | 1.85%  | 0.087% |
| 500 | 18.978 | 18.936 | 19.030 | VV | 183157         | 2735063 | 93.25% | 4.406% |
| 501 | 19.082 | 19.030 | 19.108 | VV | 4061           | 119793  | 4.08%  | 0.193% |
| 502 | 19.132 | 19.108 | 19.169 | VV | 2555           | 74664   | 2.55%  | 0.120% |
| 503 | 19.178 | 19.169 | 19.193 | VV | 1841           | 24671   | 0.84%  | 0.040% |
| 504 | 19.202 | 19.193 | 19.206 | VV | 1623           | 12863   | 0.44%  | 0.021% |
| 505 | 19.262 | 19.206 | 19.286 | VV | 2450           | 93549   | 3.19%  | 0.151% |
| 506 | 19.327 | 19.286 | 19.355 | VV | 33082          | 548206  | 18.69% | 0.883% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 507 | 19.377 | 19.355 | 19.418 | VV | 13733  | 297807  | 10.15% | 0.480% |
| 508 | 19.449 | 19.418 | 19.491 | VV | 8355   | 223246  | 7.61%  | 0.360% |
| 509 | 19.502 | 19.491 | 19.525 | VV | 3816   | 73018   | 2.49%  | 0.118% |
| 510 | 19.573 | 19.525 | 19.591 | VV | 5252   | 169453  | 5.78%  | 0.273% |
| 511 | 19.611 | 19.591 | 19.649 | VV | 6974   | 160653  | 5.48%  | 0.259% |
| 512 | 19.669 | 19.649 | 19.691 | VV | 3466   | 75435   | 2.57%  | 0.122% |
| 513 | 19.764 | 19.691 | 19.804 | VV | 165136 | 2521935 | 85.99% | 4.062% |
| 514 | 19.832 | 19.804 | 19.845 | VV | 7349   | 141345  | 4.82%  | 0.228% |
| 515 | 19.860 | 19.845 | 19.893 | VV | 7716   | 168429  | 5.74%  | 0.271% |
| 516 | 19.930 | 19.893 | 19.962 | VV | 5588   | 190263  | 6.49%  | 0.306% |
| 517 | 19.979 | 19.962 | 19.990 | VV | 3819   | 61242   | 2.09%  | 0.099% |
| 518 | 20.005 | 19.990 | 20.013 | VV | 4134   | 56042   | 1.91%  | 0.090% |
| 519 | 20.039 | 20.013 | 20.045 | VV | 5252   | 89281   | 3.04%  | 0.144% |
| 520 | 20.069 | 20.045 | 20.079 | VV | 5749   | 110405  | 3.76%  | 0.178% |
| 521 | 20.111 | 20.079 | 20.162 | VV | 34644  | 775956  | 26.46% | 1.250% |
| 522 | 20.169 | 20.162 | 20.188 | VV | 6785   | 99460   | 3.39%  | 0.160% |
| 523 | 20.194 | 20.188 | 20.208 | VV | 5934   | 70005   | 2.39%  | 0.113% |
| 524 | 20.216 | 20.208 | 20.231 | VV | 5888   | 77010   | 2.63%  | 0.124% |
| 525 | 20.270 | 20.231 | 20.314 | VV | 6336   | 286424  | 9.77%  | 0.461% |
| 526 | 20.354 | 20.314 | 20.371 | VV | 7451   | 215633  | 7.35%  | 0.347% |
| 527 | 20.388 | 20.371 | 20.438 | VV | 7779   | 258571  | 8.82%  | 0.417% |
| 528 | 20.460 | 20.438 | 20.465 | VV | 5837   | 91158   | 3.11%  | 0.147% |
| 529 | 20.508 | 20.465 | 20.541 | VV | 138675 | 2217390 | 75.60% | 3.572% |
| 530 | 20.559 | 20.541 | 20.586 | VV | 7556   | 184569  | 6.29%  | 0.297% |
| 531 | 20.613 | 20.586 | 20.623 | VV | 6363   | 138982  | 4.74%  | 0.224% |
| 532 | 20.667 | 20.623 | 20.687 | VV | 15338  | 388104  | 13.23% | 0.625% |
| 533 | 20.703 | 20.687 | 20.723 | VV | 11761  | 218100  | 7.44%  | 0.351% |
| 534 | 20.737 | 20.723 | 20.763 | VV | 8733   | 198254  | 6.76%  | 0.319% |
| 535 | 20.779 | 20.763 | 20.791 | VV | 8037   | 128889  | 4.39%  | 0.208% |
| 536 | 20.814 | 20.791 | 20.833 | VV | 8860   | 212312  | 7.24%  | 0.342% |
| 537 | 20.867 | 20.833 | 20.946 | VV | 10382  | 555708  | 18.95% | 0.895% |
| 538 | 20.965 | 20.946 | 20.969 | VV | 6465   | 86561   | 2.95%  | 0.139% |
| 539 | 20.975 | 20.969 | 21.006 | VV | 6422   | 134126  | 4.57%  | 0.216% |
| 540 | 21.050 | 21.006 | 21.092 | VV | 7379   | 327469  | 11.17% | 0.527% |
| 541 | 21.100 | 21.092 | 21.107 | VV | 5862   | 52523   | 1.79%  | 0.085% |
| 542 | 21.165 | 21.107 | 21.210 | VV | 6515   | 369719  | 12.61% | 0.596% |
| 543 | 21.262 | 21.210 | 21.308 | VV | 100418 | 1982506 | 67.60% | 3.193% |
| 544 | 21.312 | 21.308 | 21.318 | VV | 4648   | 28956   | 0.99%  | 0.047% |
| 545 | 21.324 | 21.318 | 21.353 | VV | 4616   | 93519   | 3.19%  | 0.151% |
| 546 | 21.358 | 21.353 | 21.362 | VV | 4339   | 22759   | 0.78%  | 0.037% |
| 547 | 21.374 | 21.362 | 21.401 | VV | 4627   | 101582  | 3.46%  | 0.164% |
| 548 | 21.420 | 21.401 | 21.471 | VV | 4487   | 177809  | 6.06%  | 0.286% |
| 549 | 21.477 | 21.471 | 21.483 | VV | 3693   | 24881   | 0.85%  | 0.040% |
| 550 | 21.495 | 21.483 | 21.531 | VV | 3770   | 102761  | 3.50%  | 0.166% |
| 551 | 21.536 | 21.531 | 21.541 | VV | 3366   | 18869   | 0.64%  | 0.030% |
| 552 | 21.610 | 21.541 | 21.659 | VV | 4875   | 275254  | 9.39%  | 0.443% |
| 553 | 21.702 | 21.659 | 21.746 | VV | 5708   | 218297  | 7.44%  | 0.352% |
| 554 | 21.752 | 21.746 | 21.775 | VV | 3456   | 58748   | 2.00%  | 0.095% |

|                         |        |        |        |    |                |          |        |        |
|-------------------------|--------|--------|--------|----|----------------|----------|--------|--------|
| 555                     | 21.779 | 21.775 | 21.789 | VV | rteres<br>3231 | 24920    | 0.85%  | 0.040% |
| 556                     | 21.793 | 21.789 | 21.799 | VV | 3083           | 19312    | 0.66%  | 0.031% |
| 557                     | 21.819 | 21.799 | 21.828 | VV | 3132           | 51498    | 1.76%  | 0.083% |
| 558                     | 21.844 | 21.828 | 21.924 | VV | 3085           | 145556   | 4.96%  | 0.234% |
| 559                     | 21.942 | 21.924 | 21.947 | VV | 2016           | 26851    | 0.92%  | 0.043% |
| 560                     | 21.991 | 21.947 | 21.996 | VV | 2104           | 58226    | 1.99%  | 0.094% |
| 561                     | 22.011 | 21.996 | 22.031 | VV | 2110           | 41815    | 1.43%  | 0.067% |
| 562                     | 22.043 | 22.031 | 22.049 | VV | 1853           | 18384    | 0.63%  | 0.030% |
| 563                     | 22.056 | 22.049 | 22.076 | VV | 1824           | 27392    | 0.93%  | 0.044% |
| 564                     | 22.093 | 22.076 | 22.107 | VV | 1651           | 29042    | 0.99%  | 0.047% |
| 565                     | 22.205 | 22.107 | 22.260 | VV | 64986          | 1683198  | 57.39% | 2.711% |
| 566                     | 22.269 | 22.260 | 22.329 | VV | 2150           | 49986    | 1.70%  | 0.081% |
| 567                     | 22.339 | 22.329 | 22.344 | VV | 221            | 1525     | 0.05%  | 0.002% |
| 568                     | 22.418 | 22.344 | 22.467 | VV | 1391           | 52540    | 1.79%  | 0.085% |
| 569                     | 22.475 | 22.467 | 22.484 | VV | 278            | 1730     | 0.06%  | 0.003% |
| Sum of corrected areas: |        |        |        |    |                | 62079609 |        |        |

FG010824.M Mon Jan 15 02:54:06 2024